

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number
WO 2004/089473 A1

- (51) International Patent Classification⁷: **A62B 18/08**
- (21) International Application Number:
PCT/EP2004/004261
- (22) International Filing Date: 5 April 2004 (05.04.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
03/04503 10 April 2003 (10.04.2003) FR
- (71) Applicant (for all designated States except US): **INTERTECHNIQUE** [FR/FR]; 61, rue Pierre Curie, F-78373 Plaisir Cedex (FR).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **BARDEL, Michel** [FR/FR]; 13, rue du Mercantour, F-78310 Maurepas (FR).
- (74) Agents: **BURBAUD, Eric et al.**; Cabinet Plasseraud, 65/67, rue de la Victoire, F-75440 Paris Cedex 09 (FR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

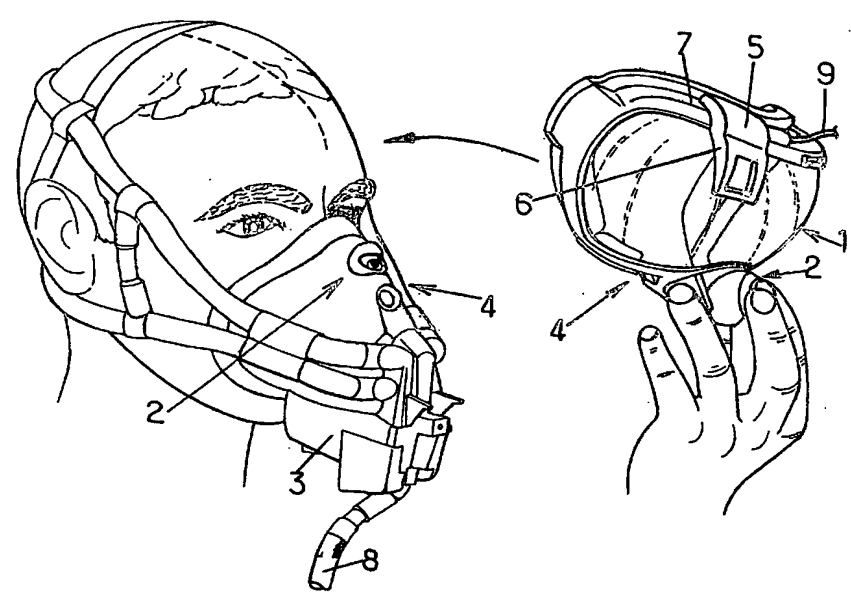
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:
— of inventorship (Rule 4.17(iv)) for US only

Published:
— with international search report

[Continued on next page]

(54) Title: A PROTECTIVE SHIELD, AND PROTECTIVE EQUIPMENT INCLUDING SUCH A SHIELD AND A STORAGE BOX



(57) Abstract: A protective shield (1) for protecting the eyes against smoke, the shield being adapted to be placed over the upper portion of the face of a user around the eyes. The shield (1) includes locking means (2) adapted to fix the shield in temporary manner on a face mask (3) such as a mask for supplying breathing gas to an aircraft flight crew member. The shield (1) also includes a display device (5) adapted to enable a user whose face is covered by the shield (1) to view information in the user's field of view, in particular information for providing assistance in flying.

WO 2004/089473 A1



— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.